CLAIMS

1. A process for preparing a vinyl chloride copolymer resin by copolymerizing a vinyl chloride type monomer and a macromonomer having a polymer comprising an ethylenically unsaturated monomer containing a double bond in a main chain, wherein the vinyl chloride type monomer and the macromonomer having a polymer comprising an ethylenically unsaturated monomer containing a double bond in a main chain are dispersed and mixed at a temperature from 20°C to 60°C for at least 1 minute, and then copolymerization reaction thereof is initiated.

2. The process for preparing a vinyl chloride copolymer resin of Claim 1, wherein the vinyl chloride type monomer and the macromonomer having a polymer comprising an ethylenically unsaturated monomer containing a double bond in a main chain are totally put into a dispersing-and-mixing tank, and then dispersed and mixed.

3. The process for preparing a vinyl chloride copolymer resin of Claim 1 or 2, wherein the ratio of the vinyl chloride type monomer to the total amount of the monomer components constituting the vinyl chloride copolymer resin is at least 50 % by weight up to less than 100 % by weight.

4. The process for preparing a vinyl chloride copolymer resin of any of Claims 1 to 3, wherein the ratio of (A) the vinyl chloride type

monomer to (B) the macromonomer having a polymer comprising an ethylenically unsaturated monomer containing a double bond in a main chain (A/B) is 99.95 % by weight/0.05 % by weight to 60 % by weight/40 % by weight.

5. The process for preparing a vinyl chloride copolymer resin of any of Claims 1 to 4, wherein the vinyl chloride type monomer and the macromonomer having a polymer comprising an ethylenically unsaturated monomer containing a double bond in a main chain are copolymerized in an aqueous medium.

6. The process for preparing a vinyl chloride copolymer resin of any of Claims 1 to 5, wherein the vinyl chloride type monomer and the macromonomer having a polymer comprising an ethylenically unsaturated monomer containing a double bond in a main chain are prepared by at least one process selected from the group consisting of emulsion polymerization, suspension polymerization and micro suspension polymerization.

7. The process for preparing a vinyl chloride copolymer resin of any of Claims 1 to 6, wherein the macromonomer having a polymer comprising an ethylenically unsaturated monomer containing a double bond in a main chain has a polymerizable reactive group, and said polymerizable reactive group has a structure containing at least one group represented by the following general formula per one molecule:

$$-OC(O)C(R)=CH_2 \qquad (1)$$

wherein R represents a hydrogen atom or an organic group having 1 to

20 carbon atoms.

8. The process for preparing a vinyl chloride copolymer resin of any of Claims 1 to 7, wherein the macromonomer having a polymer comprising an ethylenically unsaturated monomer containing a double bond in a main chain is prepared by living radical polymerization.

9. The process for preparing a vinyl chloride copolymer resin of any of Claims 1 to 8, wherein at least one of the macromonomers having a polymer comprising an ethylenically unsaturated monomer containing a double bond in a main chain has a glass transition temperature of at most 0°C.

10. A vinyl chloride copolymer resin composition which contains the vinyl chloride copolymer resin obtained by the process of any of Claims 1 to 9.